



08/26/2005 12:27 FAX 2155684992

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FACSIMILE COVER SHEET

TO: Office of Initial Patent Examination, Customer Service Center

FAX NO.: 571-273-8300

FROM: Scott Wolinsky; Registration No. 46,413

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

Stephen E. Terry et al.

Application No.: 10/768,313

Confirmation No.: 6324

Filed: January 30, 2004

For: DYNAMIC CHANNEL QUALITY
MEASUREMENT PROCEDURES FOR
OPTIMIZING DATA TRANSMISSION IN A
WIRELESS DIGITAL COMMUNICATION
SYSTEM

Group: 2684

Examiner: Not yet known

Our File: I-2-0192.5US

Date: August 26, 2005

VIA FACSIMILE

TO 703-746-9195

Enclosed are:

- 1) A Request For Corrected Filing Receipt, 2 pages;
- 2) A marked-up copy of the Filing Receipt, 2 pages;
- 3) A copy of the Declaration and Power of Attorney, 5 pages; and
- 4) A Supplemental Application Data Sheet, 3 pages.

Comments:

NOTIFY DIANE THATCHER IF TRANSMISSION IS NOT COMPLETE OR
LEGIBLE.

I hereby certify that this paper is being transmitted via facsimile to 571-273-8300 at the United States
Patent and Trademark Office on August 26, 2005.

Diane Thatcher

August 26 2005
Date

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

Stephen E. Terry et al.

Our File: 1-2-0192.5US

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MEASUREMENT PROCEDURES FOR
OPTIMIZING DATA TRANSMISSION IN A
WIRELESS DIGITAL COMMUNICATION
SYSTEM**TO 703-746-9195****Group:** 2684**Examiner:** Not yet known**REQUEST FOR CORRECTED FILING RECEIPT**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a marked-up copy of the filing receipt for the above-identified patent application and a Supplemental Application Data Sheet. Upon proofing, it was noted that the filing receipt is incorrect. There are two changes that need to be made.

The Power of Attorney has been omitted. Attached is a copy of the Declaration and Power of Attorney showing that Power of Attorney is to Customer No. 24374.

With respect to the title, please delete "optmizing" and insert therefor --optimizing--.



Applicant: Stephen E. Terry et al.
Application No.: 10/768,313

Applicants respectfully request that a corrected Filing Receipt be issued.

Respectfully submitted,

Stephen E. Terry et al.

By Scott Wolinsky
Scott Wolinsky
Registration No. 46,413
(215) 568-6400

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
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SW/dt
Enclosure



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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/768,313	01/30/2004	2684	942	I-2-0192.5US	2	14	5

24374
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DEPT. ICC
UNITED PLAZA, SUITE 1600
30 SOUTH 17TH STREET
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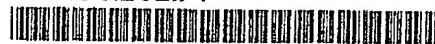
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JUN 18 2004

CONFIRMATION NO. 6324

FILING RECEIPT



OC000000012964167

VOLPE & KOENIG, P.C.

Date Mailed: 06/16/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Stephen E. Terry, Northport, NY;
Stephen G. Dick, Nesconset, NY;
James M. Miller, Verona, NJ;
Eldad Zeira, Huntington, NY;
Ariela Zeira, Huntington, NY;

Assignment For Published Patent Application

InterDigital Technology Corporation, Wilmington, DE;

POWER OF ATTORNEY; THE PATENT PRACTITIONERS ASSOCIATED

Domestic Priority data as claimed by applicant

This application is a CON of 10/029,569 12/21/2001
which claims benefit of 60/290,877 05/14/2001WITH CUSTOMER NUMBER
24374

Foreign Applications

If Required, Foreign Filing License Granted: 06/16/2004

Projected Publication Date: 09/23/2004

Non-Publication Request: No

Early Publication Request: No

DOCKETED

7/18/04 Request for Corrected Filing
Receipt



Dynamic channel quality measurement procedures for optimizing data transmission in a wireless digital communication system

OPTIMIZING

Preliminary Class

455

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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PTO/SB/01 (12-97)

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**☒ Declaration Submitted with Initial Filing OR ☐ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number 1-2-192.1US

First Named Inventor TERRY, et al.

COMPLETE IF KNOWN

Application Number Not Yet Known

Filing Date Not Yet Known

Group Art Unit Not Yet Known

Examiner Name Not Yet Known

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**DYNAMIC CHANNEL QUALITY MEASUREMENT PROCEDURE FOR
ADAPTIVE MODULATION AND CODING TECHNIQUES**

the specification of which (Title of the Invention)

☒ is attached hereto
OR☐ was filed on (MM/DD/YYYY) as United States Application Number or PCT International

Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
60/290,877	05/14/2001	

[Page 1 of 2]

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DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☒ Customer Number 24374 → Place Customer Number Bar Code Label here
 OR
☐ Registered practitioner(s) name/registration number listed below

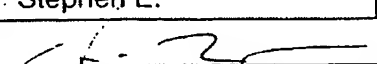
Name	Registration Number	Name	Registration Number
Namely, the Attorneys of Volpe and Koenig, P.C.			

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☒ Customer Number or Bar Code Label 24374 OR ☐ Correspondence address below

Name	VOLPE AND KOENIG, P.C. DEPT ICC				
Address					
Address					
City		State		ZIP	
Country		Telephone		Fax	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))			Family Name or Surname		
Stephen E.			TERRY		
Inventor's Signature					Date <u>12/18/04</u>
Residence: City	Northport	State	NY	Country	USA
Post Office Address	15 Summit Avenue				
Post Office Address					
City	Northport	State	NY	ZIP	11768
Country	USA				

☒ Additional inventors are being named on the 2 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto



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DECLARATION**ADDITIONAL INVENTOR(S)**

Supplemental Sheet

Page 1 of 2

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Stephen G.		DICK	
Inventor's Signature <i>Stephen G. Dick</i>		Date <i>20 Dec 2001</i>	
Residence: City Nesconset	State NY	Country USA	Citizenship USA
Mailing Address 61 Bobann Drive			
Mailing Address			
City Nesconset	State NY	ZIP 11767	Country USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
James M.		MILLER	
Inventor's Signature <i>James M. Miller</i>		Date	
Residence: City Verona	State NJ	Country USA	Citizenship USA
Mailing Address 18 Louisburg Square			
Mailing Address			
City Verona	State NJ	ZIP 07044	Country USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Eldad		ZEIRA	
Inventor's Signature		Date	
Residence: City Huntington	State NY	Country USA	Citizenship USA
Mailing Address 239 West Neck Rd.			
Mailing Address			
City Huntington	State NY	ZIP 11743	Country USA

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DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>1</u> of <u>2</u>
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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Stephen G.		DICK	
Inventor's Signature		Date	
Residence: City Nesconset	State NY	Country USA	Citizenship USA
Mailing Address 61 Bobann Drive			
Mailing Address			
City Nesconset	State NY	ZIP 11767	Country USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
James M.		MILLER	
Inventor's Signature		Date	
Residence: City Verona	State NJ	Country USA	Citizenship USA
Mailing Address 18 Louisburg Square			
Mailing Address			
City Verona	State NJ	ZIP 07044	Country USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Eldad		ZEIRA	
Inventor's Signature		Date 12/20/01	
Residence: City Huntington	State NY	Country USA	Citizenship USA
Mailing Address 239 West Neck Rd.			
Mailing Address			
City Huntington	State NY	ZIP 11743	Country USA

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DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>2</u> of <u>2</u>
--------------------	----------------------------------------------------------------------------------

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Ariela		ZEIRA	
Inventor's Signature <i>A. J.</i>		Date <i>12/20/01</i>	
Residence: City <i>Huntington</i>	State <i>NY</i>	Country <i>USA</i>	Citizenship <i>USA</i>
Mailing Address <i>239 West Neck Rd.</i>			
Mailing Address			
City <i>Huntington</i>	State <i>NY</i>	ZIP <i>11743</i>	Country <i>USA</i>
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
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